

U.S. Patent Application No. 10/071,672
Reply to Office Action dated December 10, 2003

1610-85

AMENDMENTS TO THE ABSTRACT

A lockable elastic joint for an anthropomorphous robot ~~is described that is provided~~ with a wrist and a handling organ, ~~comprising~~ having a first part that is fastenable to the wrist of the robot and a second part that is fastenable to the handling organ of the robot. A first coupling ~~means are~~ is provided between ~~said the~~ parts that ~~are~~ is suitable to maintain the same parts at a pre-set distance and on planes parallel to each other, and a second coupling ~~means is provided~~ between ~~said the~~ parts ~~suitable~~ to allow in an elastic way or, as an alternative, to prevent mutual movements of ~~said the~~ parts along two directions parallel to the planes of the two parts and perpendicular to each other and around an axis perpendicular to the aforesaid planes. ~~In addition there are preferably provided~~ ~~locking~~ Locking ~~means~~ elastic joints may be provided that are suitable to lock the two parts to each other in any position, where one part is decentralized the ~~from one as regards~~ the other.